



General Assembly

Substitute Bill No. 236

February Session, 2022



AN ACT CONCERNING THE USE OF BACK-UP DIESEL GENERATORS FOR PURPOSES OF PEAK SHAVING.

Be it enacted by the Senate and House of Representatives in General Assembly convened:

1 Section 1. (NEW) (*Effective July 1, 2022*) (a) For purposes of this
2 section, "peak shaving" means the use of on-site power generation to
3 reduce power consumption from the electric grid.

4 (b) (1) On or after July 1, 2022, any diesel reciprocating engines
5 contemporaneously installed for emergencies and peak shaving
6 purposes at a single facility and totaling more than five megawatts of
7 generating capacity shall be designed and operated such that emissions
8 of air pollutants while operating at steady-state shall not exceed:

T1	Pollutant	Emission limit (pounds per megawatt hour)
T2	Nitrogen oxide	0.6
T3	Particulate matter	0.07
T4	Carbon monoxide	2.0
T5	Non-methane	0.3
T6	hydrocarbons	

9 (2) Notwithstanding the provisions of subdivision (1) of this

10 subsection, any such diesel reciprocating engine shall not be used for
11 peak shaving, testing or maintenance purposes on any day for which
12 the Commissioner of Energy and Environmental Protection forecasts
13 that ozone levels will be "moderate to unhealthy for sensitive groups",
14 "unhealthy for sensitive groups", "unhealthy" or "very unhealthy".

15 (3) The use of any such diesel reciprocating engine at such a facility
16 shall be limited to not more than three hundred hours of operation per
17 year of peak shaving and not more than five hundred cumulative hours
18 per year of operation for peak shaving, maintenance and testing.

19 (4) The exhaust from any such diesel reciprocating engine shall exit
20 from a stack discharge height of not less than thirty-four feet from
21 ground elevation to meet air modeling guidelines.

22 (5) Nothing in this section shall prohibit the Commissioner of Energy
23 and Environmental Protection from prescribing or adopting more
24 stringent requirements for such diesel reciprocating engines, as
25 authorized under applicable federal air permitting regulations.

This act shall take effect as follows and shall amend the following sections:		
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Section 1	July 1, 2022	New section
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ENV *Joint Favorable Subst.*